

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A method for recording graphic/subtitle data on a recording medium, comprising the steps of:

receiving video data and additional data including graphic data and/or subtitle data; and
recording the additional data on the recording medium by dividing and organizing the additional data in such a way that the additional data is included in a plurality of regions that will be overlaid on a video image constructed from the video data, the additional data divided and organized into the plurality of regions based on positions where the additional data is to be displayed.

2. (Original) The method set forth in claim 1, wherein the graphic data and subtitle data are organized into distinct regions.

3. (Original) The method set forth in claim 1, wherein the plurality of regions do not overlap with each other on the video image.

4. (Original) The method set forth in claim 1, wherein each of the plurality of regions includes at least one object.

5. (Original) The method set forth in claim 4, wherein the object is text, an icon, an image, or a background box.

6. (Currently Amended) A method for recording graphic/subtitle data on a recording medium, comprising the steps of:

receiving video data and additional data including graphic data and/or subtitle data; and
recording the additional data as a plurality of individual, parallel streams on the recording medium.

7. (Original) The method set forth in claim 6, wherein the number of the plurality of streams is the same as the number of graphic decoders contained in a reproducing apparatus.

8. (Original) The method set forth in claim 6, wherein parts of the additional data that should be simultaneously decoded are placed in distinct streams.

9. (Currently Amended) A computer readable~~high-density recording~~ medium having video data and additional data including graphic data and/or subtitle data, wherein the additional data is divided and organized in such a way that the additional data is included in a plurality of regions that will be overlaid on a video image constructed from the video data, the additional data divided and organized into the plurality of regions based on positions where the additional data is to be displayed, and the computer readable medium having an information area storing information files for managing reproduction of the video data and the additional data.

10. (Currently Amended) The computer readable~~high-density recording~~ medium set forth in

claim 9, wherein the graphic data and subtitle data are organized into distinct regions.

11. (Currently Amended) A computer readable~~high-density-recording~~ medium having video data and additional data including graphic data and/or subtitle data, wherein the additional data is recorded as a plurality of individual, parallel streams, and the computer readable medium having an information area storing information files for managing reproduction of the video data and the additional data.

12. (Currently Amended) The computer readable~~high-density-recording~~ medium set forth in claim 11, wherein parts of the additional data that should be simultaneously decoded are placed in distinct streams.

13. (Currently Amended) An apparatus for recording graphic/subtitle data on a recording medium, comprising:

first means for receiving video data and additional data including graphic data and/or subtitle data;

second means for dividing and organizing the additional data in such a way that the additional data is included in a plurality of regions that will be overlaid on a video image constructed from the video data, the additional data divided and organized into the plurality of regions based on positions where the additional data is to be displayed; and

third means for recording the additional data and the video data on the recording medium.

14. (Original) The apparatus set forth in claim 13, wherein the second means places the graphic data and subtitle data in distinct regions.

15. (Currently Amended) An apparatus for recording graphic/subtitle data on a recording medium, comprising:

first means for receiving video data and additional data including graphic data and/or subtitle data;

second means for organizing the additional data as a plurality of individual, parallel streams;
and

third means for recording the additional data and the video data on the recording medium.

16. (Original) The apparatus set forth in claim 15, wherein the number of streams organized by the second means is the same as the number of graphic decoders included in the apparatus.

17. (Original) The apparatus set forth in claim 15, wherein the second means places parts of the additional data that should be simultaneously decoded in distinct streams.

18. (Currently Amended) A method for reproducing a recording medium, comprising the steps of:

reproducing video data and additional data including graphic data and/or subtitle data recorded on the recording medium, the additional data organized into presentation regions based on positions where the additional data is to be displayed;

decoding the reproduced video data to construct a main plane and decoding the additional data to construct a plurality of planes including the presentation regions; and

constructing a video image by mixing the main plane with the plurality of planes and

outputting the constructed video image.

19. (Original) The method set forth in claim 18, wherein the plurality of planes include a subtitle plane and a graphic plane.

20. (Original) The method set forth in claim 19, wherein the subtitle plane includes decoded graphic data as well as decoded subtitle data.

21. (Currently Amended) An apparatus for reproducing a recording medium, comprising:
first means for reproducing video data and additional data including graphic data and/or subtitle data recorded on the recording medium, the additional data organized into presentation regions based on positions where the additional data is to be displayed;

second means for decoding the reproduced video data to construct a main plane and decoding the additional data to construct a plurality of planes including the presentation regions; and

third means for constructing a video image by mixing the main plane with the plurality of planes and outputting the constructed video image.

22. (Original) The apparatus set forth in claim 21, wherein the second means organizes the additional data into a subtitle plane and a graphic plane.

23. (Original) The apparatus set forth in claim 22, wherein the second means organizes the subtitle plane such that the subtitle plane includes decoded graphic data as well as decoded subtitle data.

24. (New) The method set forth in claim 1, wherein the graphic data and the subtitle data are decoded by different decoders.

25. (New) The computer readable medium set forth in claim 9, wherein the graphic data and the subtitle data are decoded by different decoders.